



**Figure S2 Detection of fusion gene transcripts in clinical samples by RT-PCR.**

Representative RT-PCR results showing fusion-positive and fusion-negative cases using primers EZR-e10-CF1 and ROS1-e34-CR1. M:molecular marker, NC: negative control. RT-PCR for wild-type EZR transcript (primers EZR-e4-CF1 and EZR-e7-CR1) and for GAPDH (primers for GAPDH-F and GAPDH-R) is also shown.

Primers:

EZR-e04-CF1: GTACTTGCGCTCCACTATGT  
 EZR-e07-CR1: ACTCCAAGCCAAAGGTCTGTT  
 EZR-e10-CF1: GAAAAGGAGAGAAACCGTGGAG  
 ROS1-e34-CR1: TCAGTGGGATTGTAACAACCAG  
 GAPDH-F: TGGAAATCCCATCACCCATCT  
 GAPDH-R: GTCTTCTGGTGGCAGTGAT